



June 15, 2000
RC-00-0252

Document Control Desk
U. S. Nuclear Regulatory Commission
Washington, DC 20555

Attention: Director, Office of Resource Management

Gentlemen:

Stephen A. Byrne
Vice President
Nuclear Operations
803.345.4622

Subject: VIRGIL C. SUMMER NUCLEAR STATION
DOCKET NO. 50/395
OPERATING LICENSE NO. NPF-12
MAY MONTHLY OPERATING REPORT

Enclosed is the May 2000 Monthly Operating Report for the Virgil C. Summer Nuclear Station Unit No. 1. This submittal is made in accordance with the requirements of Technical Specifications, Section 6.9.1.10.

If there are any questions, please call me at your convenience.

South Carolina Electric & Gas Co
Virgil C. Summer Nuclear Station
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Very truly yours,

Stephen A. Byrne

SAB/nkk
Attachment

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- File (818.03-1)
- DMS (RC-00-0252)

NUCLEAR EXCELLENCE - A SUMMER TRADITION!

NRR-063

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ATTACHMENT I
AVERAGE DAILY UNIT POWER LEVEL

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 6/ 9/00
COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

MAY 2000

DAY AVERAGE DAILY POWER LEVEL

DAY AVERAGE DAILY POWER LEVEL

	(MWe-Net)		(MWe-Net)
1.	973	17.	964
2.	973	18.	964
3.	972	19.	965
4.	971	20.	963
5.	972	21.	961
6.	971	22.	962
7.	971	23.	962
8.	968	24.	961
9.	965	25.	960
10.	965	26.	959
11.	965	27.	961
12.	964	28.	961
13.	964	29.	958
14.	963	30.	958
15.	962	31.	960
16.	962		

ATTACHMENT II
 OPERATING DATA REPORT

DOCKET NO. 50/395
 UNIT V. C. SUMMER I
 DATE 6/ 9/00
 COMPLETED BY W. H. BELL
 TELEPHONE (803) 345-4389

OPERATING STATUS

1. Reporting Period: May 2000
 Gross Hours in Reporting Period: 744
2. Currently Authorized Power Level (MWT): 2900
 Max. Depend. Capacity (MWe-Net): 966
 Design Electrical Rating (MWe-Net): 972.7
3. Power Level to Which Restricted (If Any) (MWe-Net): N/A
4. Reasons for Restrictions: N/A

	THIS MONTH	YR TO DATE	CUMULATIVE
	-----	-----	-----
5. Number of Hours Reactor Critical	744.0	3647.0	121076.0
6. Reactor Reserve Shutdown Hours	0.0	0.0	0.0
7. Hours Generator on Line	744.0	3647.0	119484.9
8. Unit Reserve Shutdown Hours	0.0	0.0	0.0
9. Gross Thermal Energy Generated (MWH)	2155852	10473064	320066371
10. Gross Electrical Energy (MWH)	746930	3653890	107543609
11. Net Electrical Energy Generated (MWH)	717626	3514530	102669374
12. Reactor Service Factor	100.0	100.0	84.1
13. Reactor Availability Factor	100.0	100.0	84.1
14. Unit Service Factor	100.0	100.0	83.0
15. Unit Availability Factor	100.0	100.0	83.0
16. Unit Capacity Factor (Using MDC)	99.9	99.8	79.3
17. Unit Capacity Factor (Design MWe)	99.2	99.1	78.1
18. Unit Forced Outage Rate	0.0	0.0	3.5
19. Shutdowns Scheduled Over Next 6 Months (Type, Date & Duration of Each): Refueling Outage, Octboer 6, 2000, 30days			
20. If Shut Down at End of Report Period, Estimated Date of Startup: N/A			
21. Units in Test Status (Prior to Commercial Operation): N/A			

ATTACHMENT III
UNIT SHUTDOWNS AND POWER REDUCTIONS

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 6/ 9/00
COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

MAY 2000

NO.	DATE	TYPE	DURATION	REASON	METHOD	CORRECTIVE ACTION/COMMENTS
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NONE

- 1.0 REASON
A: Equipment Failure
B: Maintenance or Test
C: Refueling
D: Regulatory Restriction
E: Operator Training and License Examination
F: Administrative
G: Operational Error
H: Other (Explain)

- 2.0 METHOD
1: Manual
2: Manual Scram
3: Automatic Scram
4: Continuation (Use initial Date)
5: Power Reduction (Duration 0.0)
9. Other (Explain)

ATTACHMENT IV
NARRATIVE SUMMARY OF OPERATING EXPERIENCE

DOCKET NO. 50/395
UNIT V. C. SUMMER I
DATE 6/ 9/00
COMPLETED BY W. H. BELL
TELEPHONE (803) 345-4389

MAY 2000

V.C. Summer Station operated at 100% power for the entire month of
May, 2000.

MISCELLANEOUS OPERATING STATISTICS THRU May 2000

VIRGIL C SUMMER NUCLEAR STATION, UNIT 1

OPERATING STATUS

Currently Authorized Power Level (MWt): 2900
 Max. Depend. Capacity (MWe-Net): 966
 Design Electrical Rating (MWe-Net): 972
 Gross Maximum Capacity (MWe): 1019
 Gross Dependable Capacity (MWe): 1016

	LIFE OF PLANT	FISCAL YEAR TO DATE	12 MONTH TOTALS	3 MONTH TOTALS
	-----	-----	-----	-----
Number of Hours Reactor Critical	128410.8	8064.0	8758.2	2207.0
Reactor Reserve Shutdown Hours	0.0	0.0		
Hours Generator on Line	126484.3	8064.0	8752.6	2207.0
Unit Reserve Shutdown Hours	0.0	0.0		
Gross Thermal Energy Generated (MWH)	334676906	23226155	25168367	6300699
Gross Electrical Energy (MWH)	112324119	8096160	8768980	2194260
Net Electrical Energy Generated (MWH)	107162100	7792213	8438147	2109444
Reactor Service Factor	83.5	100.0		
Reactor Availability Factor	83.5	100.0		
Unit Service Factor	82.3	100.0		
Unit Availability Factor	82.3	100.0	99.6	100.0
Unit Capacity Factor (Using MDC)	77.5	100.7	100.2	99.0
Unit Capacity Factor (Design MWe)	76.4	99.9		
Unit Forced Outage Rate	3.8	0.0	0.4	
Forced Outage Hours	4985.7	0.0	31.4	0.0
Scheduled Outage Hours	22275.0	0.0	0.0	0.0
Equipment Forced Outages:			1	0
Equivalent Unit Derated Hours*			95.50	33.50
Equivalent Seasonal Derated Hours*			21.38	0.75
Equivalent Availability Factor*			98.3	98.4
Equivalent Unit Derated Hours* for Month:	0.0			
Equivalent Seasonal Derated Hours* for Month:	0.8			
Equivalent Availability Factor* for Month:	99.9			
Equivalent Availability Factor* for 36 months:	89.9			
Year-to-Date Equivalent Availability Factor*:	99.1			
Equipment Forced Outages per 1000 Critical Hours:	0.114			
Equipment Forced Outages Year-to-Date:	0			
Total Forced Outages Year-to-Date:	0			

* Based on INPO Detailed Descriptions of Overall Performance Indicators and Other Indicators - December 1987

MONTH: MAY 2000

HOURS GENERATOR ON LINE: 744

UNIT AVAILABILITY FACTOR: 100

V. C. SUMMER, UNIT 1

MONTHLY OUTAGE REPORT FOR MAY 2000

OUTAGE NO.	START TIME	END TIME	HOURS !DURATION!	!TYPE!	REASON FOR OUTAGE	! CORRECTIVE ACTION
-----!-----!-----!-----!-----!-----!-----						
NONE						